

UNITED STATES DEPARTMENT OF COMMERCE
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SERIAL NUMBER 07/4187055 FILING DATE 10/06/89 FIRST INVENTOR DE LUCA M CM00268U

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06/08/90

☒ This application has been examined ☐ Responsive to communication filed on _____ ☐ This action is made final.

A shortened statutory period for response to this action is set to expire three (3) month(s), 0 days from the date of this letter. Failure to respond within the period for response will cause the application to become abandoned. 35 U.S.C. 133

Part I THE FOLLOWING ATTACHMENT(S) ARE PART OF THIS ACTION:

- | | |
|---|--|
| 1. <input checked="" type="checkbox"/> Notice of References Cited by Examiner, PTO-892. | 2. <input checked="" type="checkbox"/> Notice re Patent Drawing, PTO-948. |
| 3. <input checked="" type="checkbox"/> Notice of Art Cited by Applicant, PTO-1449. | 4. <input type="checkbox"/> Notice of Informal Patent Application, Form PTO-152. |
| 5. <input type="checkbox"/> Information on How to Effect Drawing Changes, PTO-1474. | 6. <input type="checkbox"/> _____ |

Part II SUMMARY OF ACTION

1. ☒ Claims 1-25 are pending in the application.

Of the above, claims _____ are withdrawn from consideration.

2. ☐ Claims _____ have been cancelled.

3. ☐ Claims _____ are allowed.

4. ☒ Claims 1-25 are rejected.

5. ☐ Claims _____ are objected to.

6. ☐ Claims _____ are subject to restriction or election requirement.

7. ☐ This application has been filed with Informal drawings under 37 C.F.R. 1.85 which are acceptable for examination purposes.

8. ☐ Formal drawings are required in response to this Office action.

9. ☐ The corrected or substitute drawings have been received on _____. Under 37 C.F.R. 1.84 these drawings are ☐ acceptable. ☐ not acceptable (see explanation or Notice re Patent Drawing, PTO-948).

10. ☐ The proposed additional or substitute sheet(s) of drawings, filed on _____ has (have) been ☐ approved by the examiner. ☐ disapproved by the examiner (see explanation).

11. ☐ The proposed drawing correction, filed on _____, has been ☐ approved. ☐ disapproved (see explanation).

12. ☐ Acknowledgment is made of the claim for priority under U.S.C. 119. The certified copy has ☐ been received ☐ not been received ☐ been filed in parent application, serial no. _____; filed on _____

13. ☐ Since this application appears to be in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11; 453 O.G. 213.

14. ☐ Other

EXAMINER'S ACTION

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ART REJECTION

1. The following is a quotation of 35 U.S.C. § 103 which forms the basis for all obviousness rejections set forth in this Office action:

A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Subject matter developed by another person, which qualifies as prior art only under subsection (f) or (g) of section 102 of this title, shall not preclude patentability under this section where the subject matter and the claimed invention were, at the time the invention was made, owned by the same person or subject to an obligation of assignment to the same person.

2. Claims 1-12, 14, 22^{and 23} are rejected under 35 U.S.C. § 103 as being unpatentable over Matai et al.

Claims 1, 22;

Matai et al. shows a paging receiver in which control means stores received messages to either a common paging memory (source file) or an individual memory (source file) as dependent upon the received address (column 3, lines 60-66; column 8, lines 18-37; column 10, lines 41-45; column 11, lines 36-40). The common and individual messages can be selectively displayed by the user.

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Therefore, it would have been obvious for a person of ordinary skill in the art at the time the invention was made to incorporate source files message storage in a pager receiver since Matai et al. shows the means for and purpose of storing
5 received messages into categorized memory locations.

Claims 2-4;

The common and individual source files of Matai et al. are capable of storing a plurality of messages. The system
10 necessarily stores messages in unoccupied slot or an occupied slot, dependent upon availability of memory as determined by the number of received messages (column 9, lines 23-45). Thus, it would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate the various memory
15 means of the claimed invention in the system of by Matai et al. since the referenced invention shows equivalent and alternative memory means.

Claims 5-6;

20 Matai et al. shows that the received address determines whether the message is stored in a common or individual memory location.

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Claims 7-10;

5 The common and individual source files of Matai et al. are capable of storing a plurality of messages. The system necessarily stores messages in unoccupied slot or an occupied slot, dependent upon availability of memory as determined by the number of received messages. Thus, it would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate the various memory means of the claimed invention in the system of by Matai et al. since the referenced
10 invention shows equivalent and alternative memory means.

Claim 11;

15 Matai et al. shows all of the features claimed, as applied to the rejection of claim 1 above, wherein the address of Matai et al. performs the operation of the claimed information source signal.

20 Therefore, it would have been obvious for a person of ordinary skill in the art at the time the invention was made to incorporate source files message storage and control means in a pager receiver since Matai et al. shows the means for and purpose of storing received messages into categorized memory locations.

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Claims 12, 14, and 23;

The individual and common memory location means of Matai et al. are determined by the capacity of the components involved. The number of messages stored in each of the memory means of Matai et al. is dependent upon message length. Furthermore, the individual and common memory means of Matai et al. can be ^{chosen to be} any suited and common memory means for a greater (or smaller) capacity of memory, as dependent upon the needs of the user since the advantages of a larger memory is widely recognized in the art of pagers.

3. Claims 13, 15-21, 24, and 25 are rejected under 35 U.S.C. § 103 as being unpatentable over Matai et al. as applied to claims 1-12 above, and further in view of Smoot et al.

Claim 13;

Matai et al. shows all of the subject matter claimed, except for the feature of establishing a basis of priority.

Smoot et al. shows a multiaddress pager with a call storage and priority paging option in which a received message is either stored as an emergency call or a non-emergency call.

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate the priority means of Smoot et al. in the pager of

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Matai et al. since both systems provide means for storing messages in different source files.

Claims 15-17;

5 The examiner would like to take note of the fact that the cooperative relationship between the selecting and the ultimate function to be performed (i.e.- store messages in different memory locations) is not critical to the referenced inventions. Thus, the referenced inventions can utilize any common and suited
10 method of selecting messages, such as claimed, since the means for and purpose of selecting messages based on a priority system is shown.

Claims 18-21, 24, and 25;

15 The subject matter claimed are features well known to the art of paging receivers. It is noted that these features are not critical to the referenced inventions, which may utilize any suited and common features, such as indicating unread messages. Thus, these features are merely a matter of choice and design
20 since they do not present any unexpected modifications of the referenced inventions.

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OTHER PRIOR ART CITED

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

5 De Graaf shows a paging receiver in which control information is stored in one memory and message information is stored in another memory.

CONTACT INFORMATION

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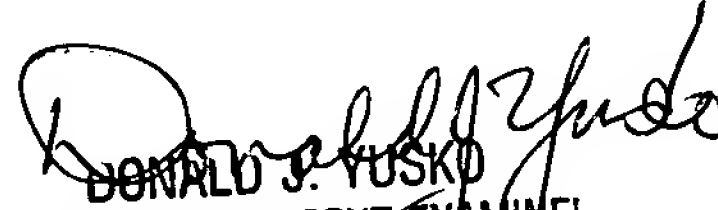
5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Peter Weissman whose telephone number is (703) 557-3304.

15 Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 557-3321.

Peter Weissman; psu

PW 703-557-3304

May 31, 1990


DONALD J. YUSKO
SUPERVISORY PATENT EXAMINER
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